



Crop Progress and Condition

USDA, NASS, Kentucky Field Office
David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:
Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: June 29, 2020

Issue: 15-20

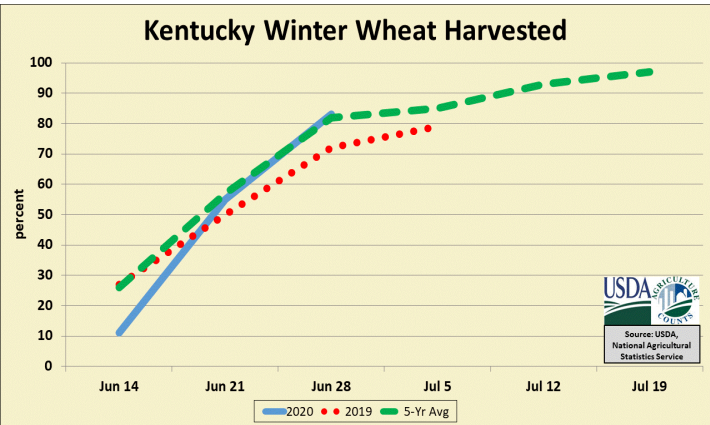
Agricultural News: Kentucky experienced below normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 2.25 inches, 1.25 inches above normal. Temperatures averaged 74 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 1 percent very short, 11 percent short, 74 percent adequate, and 14 percent surplus. **Subsoil moisture** was rated 2 percent very short, 11 percent short, 77 percent adequate, and 10 percent surplus. Days suitable for fieldwork averaged 5.1 out of a possible seven.

Primary activities for this week included the continued planting of soybeans, setting tobacco, cutting hay, and harvesting wheat. With a good deal of precipitation this past week fieldwork was halted at times. The rainfall was needed in some areas, however the weekend brought very heavy downpours and flooding in several parts of the state. Nine percent of the corn crop is in the silking stage. Soybean planting is nearing completion with 93 percent of the crop is in the ground. The soybean crop is 82 percent emerged and 9 percent in the blooming stage. The average height of soybeans at this juncture is 11 inches. Tobacco setting, at 93 percent complete, is ahead of last year and slightly behind the five year average. Farmers are using every available window to finish up planting. The average height of tobacco plants is 13 inches at this time with 2 percent of the crop in the blooming stage. Winter wheat harvest is 83 percent complete as farmers have begun planting double crop soybeans. It is of note that wheat yields have been adversely affected by the late spring freeze in many cases.

Both corn and soybeans remain in mostly good condition. Tobacco is doing well with 78 percent of the crop rated as in good condition. Pastures are in mostly good condition at this time. The rain this past week will benefit some pastures, however the areas that received very heavy precipitation may see some damage from flooding and livestock traffic. Livestock across the state are in good shape. The quality of harvested hay is rated as 2 percent very poor, 5 percent poor, 20 percent fair, 61 percent good, and 12 percent excellent. Hay yields should be very good for the most part as favorable weather prevailed during much of the harvest.

SOIL MOISTURE for week ending 06/28/20

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	11	74	14
Subsoil	2	11	77	10



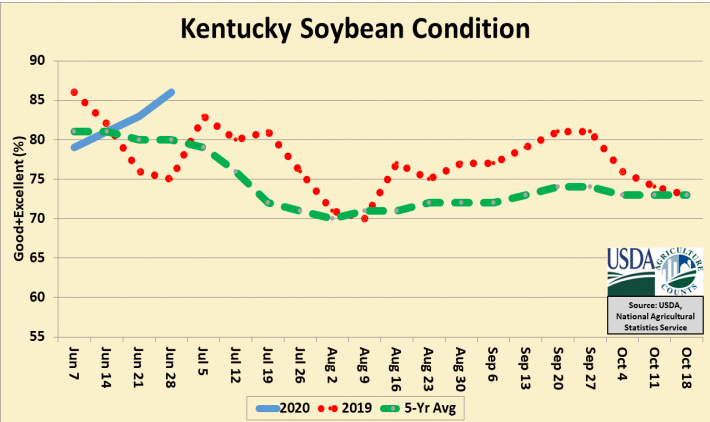
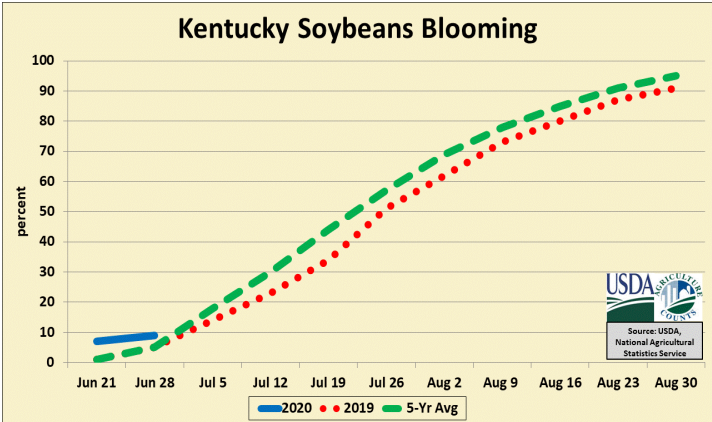
CROP PROGRESS for week ending 06/28/20

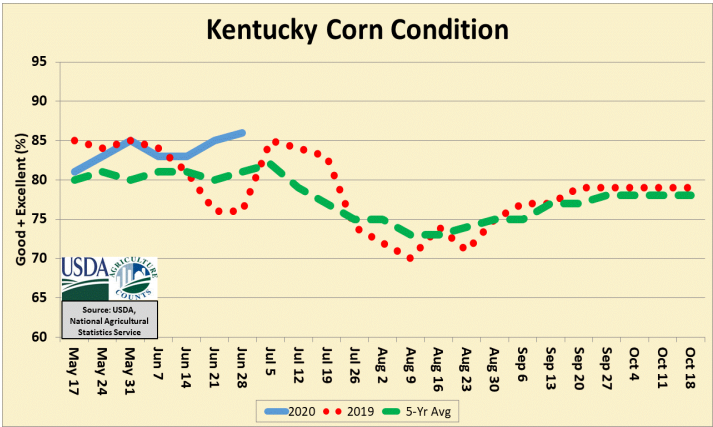
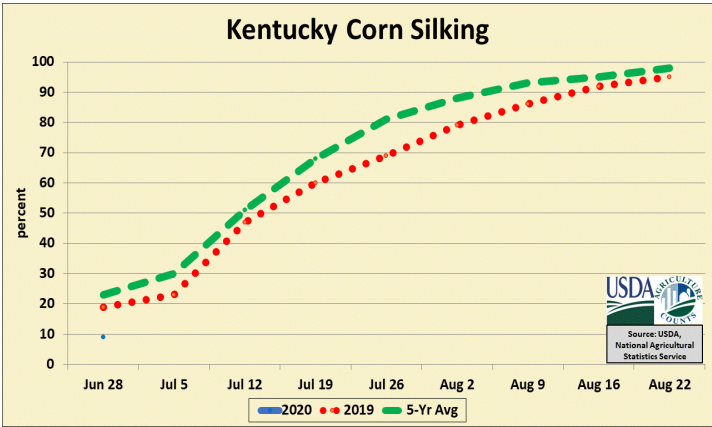
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	9	2	19	23
Soybeans Planted	93	86	85	92
Soybeans Emerged	82	73	71	80
Soybeans Blooming	9	7	5	5
Tobacco Set	93	86	88	94
Tobacco Blooming	2	-	2	3
Winter Wheat Harvested	83	55	72	82

- Represents zero.

CROP CONDITIONS for week ending 06/28/20

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	11	72	14
Hay Harvested Quality	2	5	20	61	12
Livestock	1	4	13	69	13
Pasture	1	3	20	62	14
Soybeans	1	2	11	68	18
Tobacco Set	1	2	11	78	8





Kentucky Climate Summary
For the Period June 22, 2020 to June 28, 2020

Below Normal Temperatures and Much Above Normal Rainfall:

Exceptional rainfall fell across the Bluegrass State over this past week as the state averaged 2.25 inches. This broke a four week stretch of below normal rainfall. While the state saw numerous rounds of showers and storms through the period, the most intense activity occurred over the weekend. Several waves of storms pushed through Kentucky and as the state sat within a very moist air mass, torrential rainfall was common. One of these waves led to substantial flooding across portions of West Central Kentucky on Sunday. The three highest accumulations according to the Kentucky Mesonet on Sunday came from Ohio, Muhlenberg, and McLean Counties with totals of 4 to 6+ inches. This wave carried southeast into South Central Kentucky with numerous stations over two inches for the day.

Temperatures for the period averaged 74 degrees across the state which was 1 degree cooler than normal and 4 degrees warmer than the previous period. High temperatures averaged from 85 in the West to 81 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 67 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 94 degrees at CAPE GIRARDEAU ASOS and the extreme low was 55 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 2.25 inches statewide which was 1.25 inches above normal and 226% of normal. Precipitation totals by climate division, West 2.35 inches, Central 2.99 inches, Bluegrass 1.79 inches and East 1.86 inches, which was 1.36, 2.01, 0.81 and 0.83 inches above normal. By station, precipitation totals ranged from a low of 0.00 inches at BIG SANDY to a high of 7.48 inches at CALHOUN 5NW.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/28/20 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	1.49	13.08	3.59	1.31	0.17	85	58	73	-2	162	1,194	-225
Berea	1.03	17.04	4.37	4.28	0.68	86	57	72	-2	156	1,088	-373
Bowling Green	3.28	12.12	4.63	-1.03	0.74	90	61	76	1	184	1,418	-51
Bristol	0.65	10.84	2.10	0.34	-1.20	86	56	73	-1	162	1,125	-204
Buckhorn Lake	2.31	17.45	4.45	5.72	0.58	85	60	72	-2	156	1,102	-181
Cape Girardeau	0.55	10.96	2.19	-1.90	-1.05	94	60	78	1	196	1,424	-125
Campbellsville	3.15	13.80	5.74	-0.01	1.86	87	57	72	-3	154	1,140	-296
Covington	1.65	11.47	1.93	-0.14	-1.65	85	59	74	0	171	1,184	-86
Dix Dam	2.04	14.09	4.19	1.70	0.76	87	58	73	-1	161	1,165	-238
Evansville	3.43	14.43	4.81	2.40	1.55	90	61	77	0	188	1,334	-118
Glasgow	3.78	14.43	5.36	0.53	1.07	86	59	73	-2	160	1,212	-197
Grayson	1.81	13.83	4.59	2.36	1.01	88	58	73	-1	160	1,124	-100
Hardinsburg	3.24	15.64	7.23	2.92	3.69	87	59	74	-1	164	1,190	-296
Henderson	3.58	13.03	4.99	0.68	1.45	86	57	74	-3	168	1,229	-278
Huntington	0.77	13.18	2.39	1.87	-1.06	88	59	73	-1	164	1,158	-175
Jackson	2.20	15.34	5.85	3.19	2.28	87	61	74	0	167	1,260	-23
Lexington	1.09	12.94	2.90	1.17	-0.52	86	58	73	-1	162	1,126	-209
London	2.39	18.93	5.51	7.37	2.13	85	59	73	-1	162	1,168	-178
Louisville	2.82	15.55	5.54	3.47	2.31	91	64	77	2	192	1,450	15
Mayfield	1.68	12.77	3.83	-0.44	0.68	90	60	76	-1	182	1,348	-193
Nashville	0.58	9.42	1.90	-3.16	-1.43	94	66	79	4	204	1,574	-19
Nolin Lake	2.88	14.05	4.62	0.38	0.96	90	58	74	-1	170	1,328	-28
Paducah	0.59	9.72	2.20	-4.01	-1.58	92	61	78	1	195	1,482	-44
Princeton	0.86	10.22	1.66	-3.13	-1.93	88	58	75	-2	176	1,276	-265
Quicksand	1.91	15.19	4.51	3.04	0.94	86	57	72	-2	158	1,124	-159
Somerset	2.15	20.01	7.05	6.63	3.09	86	58	73	-1	158	1,114	-262
Spindletop	0.59	13.09	2.48	1.32	-0.94	85	60	72	-2	158	1,152	-183
Williamstown	1.36	11.82	2.63	-0.26	-0.89	85	56	72	-2	157	1,079	-233

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.